

ABSTRACT

AIN based methods and apparatus for  
transitioning telephone numbers and customers from the  
5 PSTN to a VOIP network are described. AIN line number  
portability features are used to allow a few gateway  
switches that interconnect the PSTN and VOIP networks to  
service customers whose telephone numbers were originally  
serviced by several remote PSTN switches. AIN LNP  
10 triggers are used to forward PSTN calls, directed to the  
PSTN switch previously used to service a telephone  
number, to the gateway switch assigned to route such  
calls to the IP network. AIN triggers set at the gateway  
switch insure that the subscriber with the ported  
15 telephone number continues to receive AIN services  
provided before the telephone number was ported to the IP  
network. Calls from ported telephone numbers to  
telephones in the PSTN are billed from PSTN switches  
through the use of AIN functionality and triggers set at  
20 the gateway switch.